

The Third in our Series of "Now You're the Expert!"

The I-15 NOW Public Information department periodically prepares brief "Now You're the Expert" articles to share interesting and informative activities taking place along the project. Once you've read them, you are ready to get a big "Gee Whiz" from the folks at the office, around home or wherever you go! Thanks for your interest!

Ensuring Concrete Is Up To The Task!



Lesson #1 - Calling concrete cement is like calling bread yeast! In order for any concrete being used on the job to be accepted by UDOT inspectors, it must contain a precise ratio of water, sand, gravel and cement. The slump tests shown above are accomplished by taking a wet concrete sample and placing it in the cone cylinder. After a few moments, the cone is removed and the concrete must be able to stand at a predetermined height without slumping.



Air is a critical component of concrete just as it is in ice cream!



This test is to determine that the accurate amount of air is in the mix



The pressure test must yield the correct results or the concrete is rejected